



CHOCTAWHATCHEE DISTRICT **PINEWOOD DERBY** **TECHNICAL STANDARDS**

It's that time of year to get the cars ready for your Pack Pinewood Derby! Use these rules to ensure your scout's cars are correct for the district race.

Keep in mind only the first-place scout for each rank is eligible to go to the District Derby in March. Be sure to follow these technical standards in case you are a lucky race winner and get to move on to the finals! See separate flyer for more information on the district event.

Body:

Only the official BSA pinewood derby kit is allowed. The block of wood from the kit, or portions thereof, must be prominent in the design. "Add-ons", special paint, decals, decorations, etc. are allowed.

Wheels and Axles:

The wheels and nails from the official BSA kit are to be used. Wheel treatment (hub and tread smoothing and polishing) may not result in substantial removal of mass or in reducing the tread (track contact) width from the original kit wheels. The words "Official BSA Made in USA" on the wheels shall remain intact and clearly visible to the inspector. Some of the original "tread marks" on the wheel face must be intact. It must be obvious to the judges that the wheels and the nails from the kit are being used.

Size and Weight:

Weight: up to five (5) ounces (total weight)

Length: up to 7 inches, Width: 2-3/4 (2.75) inches, Height: 3 inches

As determined by the official gages and scales during race day check-in. (Underside clearance at least 3/8 (0.375) inches and inside wheel to wheel clearance of at least 1-3/4" (1.75) inches is recommended, so the car will run on the racetrack. The builder is responsible for proper clearance.

Weights and Attachments:

Weight may be added to the car and will be considered part of the car for purposes of all measurements. "Weight" is considered to be any material on the car that is not provided in the kit. All weight must be securely fastened to the car by permanent glue, nails or screws; not by "sticky substances" such as tape or tack spray. Weights shall be non-moveable, non-magnetic, non-electric and non-sticky.

Lubricants: Only dry graphite or BSA white lube (PTFE) may be used.